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Substitute for form 1449A/PTO

**INFORMATION DISCLOSURE  
STATEMENT BY APPLICANT**

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**Complete if Known**

Application Number	09/318,668
Filing Date	May 25, 1999
First Named Inventor	Charles Gollnick
Group Art Unit	<del>2600</del> 2618
Examiner Name	P. Sotbutka
Attorney Docket Number	14206US01

Sheet	1	of	29
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**U.S. PATENT DOCUMENTS**

Examiner Initial*	Cite No. <sup>1</sup>	Document Number Number-Kind Code <sup>2</sup> (If known)	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
PS	A1	4,449,248	05-15-1984	Leslie et al.	
PS	A2	5,027,428	06-25-1991	Ishiguro et al.	
PS	A3	5,058,023	10-15-1991	Kozikaro	
PS	A4	5,058,203	10-15-1991	Inagami, Fujio	
PS	A5	5,142,534	08-25-1992	Simpson et al.	
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PS	A7	5,301,225	12-23-1992	Suzuki et al.	
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PS	A21	6,522,871	02-18-2003	Patrick et al.	
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SIGNATURE**

/Philip Sotbutka/

**DATE CONSIDERED**

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Group Art Unit	<del>2005</del> 2618
Examiner Name	P. Sotbutka
Attorney Docket Number	14206US01

Sheet	2	Of	29
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PS	A34	4,903,319	02-20-1990	Kasai et al.	
PS	A35	4,964,121	10-16-1990	Moore	
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Examiner Initials*	Cite No. <sup>1</sup>	Foreign Patent Document	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T <sup>6</sup>
		Country Code <sup>2</sup> -Number <sup>3</sup> -Kind Code <sup>4</sup> (if known)				
	B1					

**OTHER ART -- NON PATENT LITERATURE DOCUMENTS**

Examiner Initials*	Cite No. <sup>1</sup>	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published
PS	C1	Respondent Qualcomm Incorporated's Notice Of Prior Art, with Exhibits A & D attached thereto
PS	C2	Qualcomm's Response To Interrogatory 3, with Exhibits B & C attached thereto
	C3	INTENTIONALLY LEFT BLANK
	C4	INTENTIONALLY LEFT BLANK
PS	C5	"A New Chapter In Wireless Communication And Email", Electronic Messaging News, 11/27/1991, Vol. 3, No. 24
	<del>C6</del>	<del>"A New Radio Access Protocol And Network Architecture For Mobile Packet Data", Cognito Group Limited, Bates Nos. QBB569268-323</del>
PS	C7	"AMDC Extends RFP Deadline To March 10; Waiver Decision Expected At FCC's March Meeting", Industrial Communications, 02/17/1989, No. 7
	<del>C8</del>	<del>"AMDC Picks Ericsson Gear", Communications Week, 08/12/1989, Vol. 252, p. 44</del>
PS	C9	"An Effective Prioritization Scheme For Handovers In Cellular Networks", IEEE - ICUPC '92 Proceedings, 09/29/1992-10/02/1992, pp. 364-368
PS	C10	"Ardis Links With NCR Notepad 12/11/91", Newsbytes, 12/11/1991

EXAMINER /Philip Sotbutka/

DATE CONSIDERED 09/30/2006

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Examiner Initials*	Cite No. <sup>1</sup>	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published
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PS	C12	"Automation In Warehousing", Proceedings Of The 8 <sup>th</sup> International Conference, Tokyo, Japan, 10/06-08/1987, pp. 1-355
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	<del>C21</del>	<del>"BT Opens New Service Center", Communications Week, 11/11/1991, p. 25</del>
	<del>C22</del>	<del>"Business Plan Appendix IV - Financial Projections"</del>
	<del>C23</del>	<del>"O Business Plan" Oognito Group Limited, 11/01/1990</del>
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Group Art Unit	<del>2609</del> 2618
Examiner Name	P. Sotbutka
Attorney Docket Number	14206US01

Sheet	4	Of	29
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PS	C33	"Change Request 05.02-14", Recommendation GSM 05.02, v. 3.3.0, 11/28/1989
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				Examiner Name	P. Sobutka
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PS	C72	"Ericsson Gets \$55M Pact for Cellular Radio Data Gear", Electronic News (1991), p. 19, 06/12/1989
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Application Number	09/318,668
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First Named Inventor	Charles Gollnick
Group Art Unit	<del>2609</del> 2618
Examiner Name	P. Sotbutka
Attorney Docket Number	14206US01

Sheet	8	Of	29
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**OTHER ART -- NON PATENT LITERATURE DOCUMENTS**

Examiner Initials*	Cite No. <sup>1</sup>	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published
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PS	C134	"Smith Barney's Morning Call - Topical Report Smith Barney, Harris Upham & Co.", Investext Report, No. 1145237, 10/11/1991, p. 3
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	<del>C144</del>	<del>BERTONI et al., "Theoretical Prediction Of Slow Fading Statistics in Urban Environments", IEEE - ICUPC '92 Proceedings, 09/29/1992-10/02/1992, pp. 1-4</del>
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PS	C217	Cellular Digital Packet Data System Specification Release 1.1 - Book 2, 1995 CDPD Forum, Inc., 01/19/1995
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PS	C219	Cellular Digital Packet Data System Specification Release 1.1 - Book 4, 1995 CDPD Forum, Inc., 01/19/1995
	<del>C220</del>	<del>Cellular Digital Packet Data System Specification Release 1.1 - Book 5, 1995 CDPD Forum, Inc., 01/19/1995</del>

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**INFORMATION DISCLOSURE  
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Application Number	09/318,668
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First Named Inventor	Charles Gollnick
Group Art Unit	<del>2688</del> 2618
Examiner Name	P. Sotbutka
Attorney Docket Number	14206US01

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**OTHER ART -- NON PATENT LITERATURE DOCUMENTS**

Examiner Initials*	Cite No. <sup>1</sup>	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published
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	<del>C248</del>	<del>EPSTEIN, "Indigenous Switching", Industry Report: Arthur D. Little Decision Resources, Incorporated, 07/01/1987, Investex Report No. 938157, p. 6</del>
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PS	C253	FRASER, "The Mobitex Terminal Specification", Communications, 07/1991, Vol. 28, No. 7, pp. 33-38
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	<del>C261</del>	<del>GSM Program Management Information, GSM 07/00, 04/22/1990</del>
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	<del>C267</del>	<del>HINES, "LM Ericsson - Company Report, Paine Webber Inc.", 12/10/1991, Investext Report No. 1153781, p. 9</del>
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		Group Art Unit	<del>2000</del> 2618
		Examiner Name	P. Sotbutka
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	C274	INTENTIONALLY LEFT BLANK
PS	C275	IOANNIDIS et al., "IP-Based Protocols For Mobile Internetworking", Proceedings Of Conference On Communications Architecture & Protocols, 1991, pp. 1-17
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**OTHER ART -- NON PATENT LITERATURE DOCUMENTS**

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PS	C326	MALYAN et al., "A Wireless Personal Communications Architecture For Urban Areas", IEEE - ICUPC '92 Proceedings, 09/29/1992-10/02/1992, pp. 116-120
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PS	C333	MORRISON et al., "Statistical Analysis And Autoregressive Modeling Of The Indoor Radio Propagation Channel", IEEE - ICUPC '92 Proceedings, 09/29/1992-10/02/1992, pp. 97-101
PS	C334	MULQUEEN, "Mobile Data Network Debuts", Data Communications, 01/1991, p. 78
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STATEMENT BY APPLICANT**

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Application Number	09/318,668
Filing Date	May 25, 1999
First Named Inventor	Charles Gollnick
Group Art Unit	<del>2600</del> 2618
Examiner Name	P. Sotbutka
Attorney Docket Number	14206US01

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PS	C337	MURTHY et al., "An Efficient Routing Protocol For Wireless Networks", Mobile Networks And Applications 1, 1996, pp. 183-197
PS	C338	NAKAJIMA et al., "Intelligent Network Architecture For Personal Mobile Telecommunication", IEEE - ICUPC '92 Proceedings, 09/29/1992-10/02/1992, pp. 339-344
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First Named Inventor	Charles Gollnick
Group Art Unit	<del>2682</del> 2618
Examiner Name	P. Sotbutka
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PS	C401	WANG, "The Hierarchical Structure Of Tracing Strategy For Universal Personal Communication Systems", IEEE - ICUPC '92 Proceedings, 09/29/1992-10/02/1992, pp. 242-246
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	C420	INTENTIONALLY LEFT BLANK
	<del>C421</del>	<del>"Ericsson And General Electric Going Mobile", Telephone Engineer &amp; Management News, 10/01/1989, pp. 30-39</del>
	C422	INTENTIONALLY LEFT BLANK
	C423	INTENTIONALLY LEFT BLANK
	C424	INTENTIONALLY LEFT BLANK
	C425	INTENTIONALLY LEFT BLANK
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	C433	INTENTIONALLY LEFT BLANK
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	C435	INTENTIONALLY LEFT BLANK
	<del>C436</del>	<del>"Release Note, Recommendation" GSM 05.20, v. 3.5.2, 01/1991</del>
	<del>C437</del>	<del>"Release Note, Recommendation", GSM 02.07, v. 3.5.0, 03/1990</del>
	<del>C438</del>	<del>"Release Note, Recommendation", GSM 02.30, v. 3.5.0, 03/1990</del>
	C439	INTENTIONALLY LEFT BLANK
	C440	INTENTIONALLY LEFT BLANK
	<del>C441</del>	<del>"Trögt för Mobitex" (Delay For Mobitex), Elektronik Med. Aktuell Elektronik, 1987, Vol. 3, pp. 10-21</del>
	C442	INTENTIONALLY LEFT BLANK
	C443	INTENTIONALLY LEFT BLANK
	<del>C444</del>	<del>Agere v. Broadcom 07/20/2004 Memorandum &amp; Order, Bates Nos. BCMITC000000250573-007</del>
PS	C445	BALSTON, Cellular Radio Systems, 1993

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/Philip Sotbutka/

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Substitute for form 1449A/PTO				<b>Complete if Known</b>	
<b>INFORMATION DISCLOSURE STATEMENT BY APPLICANT</b>  (use as many sheets as necessary))				Application Number	09/318,668
				Filing Date	May 25, 1999
				First Named Inventor	Charles Gollnick
				Group Art Unit	<del>2500</del> 2618
				Examiner Name	P. Sobutka
Attorney Docket Number	14206US01				
Sheet	27	Of	29		

OTHER ART -- NON PATENT LITERATURE DOCUMENTS		
Examiner Initials*	Cite No. <sup>1</sup>	include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published
	<del>C446</del>	<del>Broadcom's Third Supplemental Objections and Responses To Qualcomm's First Set Of Interrogatories (1-53), 11/07/2005</del>
PS	C447	Cellular Digital Packet Data System Specification Release 10 – Book 1, N/A, 07/19/1993
PS	C448	Cellular System Dual-Mode Station – Base Station Compatibility Standard, EIA/TIA/IS-54, 05/01/1990
	<del>C449</del>	<del>Change Request (Phase 2) Nos. 17, Tdoc GSM 195/93, 02/1992, Dates Nos. QBB222315-319</del>
	C450	INTENTIONALLY LEFT BLANK
	C451	INTENTIONALLY LEFT BLANK
PS	C452	ESTI Radio Equipment And Systems (RES); Digital Equipment Cordless Telecommunications (DECT) Common Interface Part 1: Overview, ETS 300 175-1, 10/01/1992
PS	C453	ESTI Radio Equipment And Systems (RES); Digital Equipment Cordless Telecommunications (DECT) Common Interface Part 2: Physical Layer, ETS 300 175-2, 10/01/1992
	<del>C454</del>	<del>ESTI Radio Equipment And Systems (RES); Digital Equipment Cordless Telecommunications (DECT) Common Interface Part 3: Medium Access Control Layer, ETS 300 175-3, 10/01/1992</del>
PS	C455	ESTI Radio Equipment And Systems (RES); Digital Equipment Cordless Telecommunications (DECT) Common Interface Part 4: Data Link Control Layer, ETS 300 175-4, 10/01/1992
PS	C456	ESTI Radio Equipment And Systems (RES); Digital Equipment Cordless Telecommunications (DECT) Common Interface Part 6: Identities And Addressing, ETS 300 175-6, 10/01/1992
PS	C457	ESTI Radio Equipment And Systems (RES); Digital Equipment Cordless Telecommunications (DECT) Common Interface Part 7: Security Features, ETS 300 175-7, 10/01/1992
PS	C458	ESTI Radio Equipment And Systems (RES); Digital Equipment Cordless Telecommunications (DECT) Common Interface Part 8: Speech Coding And Transmission, ETS 300 175-8, 10/01/1992
PS	C459	ESTI Radio Equipment And Systems (RES); Digital Equipment Cordless Telecommunications (DECT) Common Interface Part 9: Public Access Profile, ETS 300 175-9, 10/01/1992
PS	C460	ETSI Handbook Guide To The Application Of The PNE Rule To The Drafting And Presentation Of ETSI Standards v 1.3, 05/1990
PS	C461	Fast And Scalable Handoffs For Wireless Internet Works", Proceedings Of The 2nd Annual International Conference On Mobile Computing And Networking (Rye, NY), 1995, pp. 56-66
PS	C462	File History of USSN 08/027,140, Bates Nos. BCMITC000089531-664
PS	C463	File History of USSN 08/101,254, Bates Nos. BCMITC0000793836-978
PS	C464	File History of USSN 08/114,872, Bates Nos. QBB220620-1242
PS	C465	File History of USSN 08/431,077, Bates Nos. BCMITC000079534-862
PS	C466	File History of USSN 08/487,609, Bates Nos. BCMITC0000792166-658

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First Named Inventor	Charles Gollnick
Group Art Unit	<del>2688</del> 2618
Examiner Name	P. Sobutka
Attorney Docket Number	14206US01

Sheet	28	Of	29
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**OTHER ART -- NON PATENT LITERATURE DOCUMENTS**

Examiner Initials*	Cite No. <sup>1</sup>	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published
PS	C467	File History of USSN 08/513,648 ('983 file history), Bates Nos. BCMITC000071666-72400
PS	C468	File History of USSN 09/060,287 ('311 file history), Bates Nos. BCMITC000071327-71665
	C469	INTENTIONALLY LEFT BLANK
	<del>C470</del>	<del>General on Terminal Adaptation Functions For The MSs, GSM 07.01 v 3.14.0, 04/01/1992</del>
	<del>C471</del>	<del>GSM PLMN Connection Types, GSM 03.10 v 3.3.0, 02/1992</del>
	C472	INTENTIONALLY LEFT BLANK
	<del>C473</del>	<del>HAINÉ, "A New Radio Access Protocol And Network Architecture For Mobile Packet Data", Proc. Of Vehicular Technology Conference, 05/19-22/1991, pp. 399-407</del>
	<del>C474</del>	<del>HENDERSON, "Public Data Networks: The Mobitex System", Paper Presented At The IEEE Vehicle Navigation And Information Systems Conference (VNIS '89), 1989, pp. 365</del>
	C475	INTENTIONALLY LEFT BLANK
	<del>C476</del>	<del>Introduction To Telephones And Telephone Systems, 3rd Edition, 1998</del>
	C477	INTENTIONALLY LEFT BLANK
	C478	INTENTIONALLY LEFT BLANK
	C479	INTENTIONALLY LEFT BLANK
	<del>C480</del>	<del>Landmobile And Marine Radio Technical Handbook, 1985</del>
PS	C481	LEE, Mobile Cellular Telecommunications Systems, 1989, Bates Nos. QBB147008-463
	<del>C482</del>	<del>List of Change Request Presented To SMH Plenary No 6, Rev 1, SMG 305/93, 03/29/1993</del>
	<del>C483</del>	<del>LYCKSELL, "Mobitex, ett kommunikations-nät för text, data och tal" (A Radio Communication Network For Text, Data And Speech), 1986</del>
	<del>C484</del>	<del>Mobile Information Systems, 1990</del>
	<del>C485</del>	<del>Mobile Radio Interface Layer 3 Specification, GSM 04.08 v 4.2.0, 10/1992, Bates Nos. QBB479485-977</del>
	<del>C486</del>	<del>Mobile Radio Interface Layer 3 Specification; Core Network Protocols; Stage 3, ETSI TS 124008 v. 5.3.0, 2002</del>
	<del>C487</del>	<del>Mobile Station - Land Station Compatibility Specification, EIA/TIA-553, 09/01/1989</del>
	C488	INTENTIONALLY LEFT BLANK
	C489	INTENTIONALLY LEFT BLANK
	C490	MOULY, The GSM System For Mobile Communications, 1992
	C491	INTENTIONALLY LEFT BLANK
	C492	INTENTIONALLY LEFT BLANK
	C493	INTENTIONALLY LEFT BLANK
	C494	INTENTIONALLY LEFT BLANK

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	C495	INTENTIONALLY LEFT BLANK
	C496	INTENTIONALLY LEFT BLANK
	C497	INTENTIONALLY LEFT BLANK
PS	C498	Radio Equipment And Systems (RES); Digital ESTI Radio Equipment And Systems (RES); Digital Equipment Telecommunications (DECT) Common Interface Part 5: Network Layer, ETS 300 175-5, 10/01/1992
	<del>C499</del>	<del>Radiodetermination Satellite Services And Standards, 1997</del>
	C500	INTENTIONALLY LEFT BLANK
PS	C501	Recommended Minimum Performance Standards For 800 MHz Dual mode Mobile Stations, EIA/TIA/IS-55, 12/01/1991, Bates Nos. QBB149924-150025
	C502	INTENTIONALLY LEFT BLANK
	<del>C503</del>	<del>Service Accessibility - Change Request, GSM 02.11 v 3.6.0, 01/14/1992</del>
PS	C504	Service Accessibility - Change Request, GSM 02.11 v 4.0, 02/06/1992
PS	C505	Service Accessibility - GSM 02.11 v 4.3.0, 10/1992
PS	C506	Service Accessibility - GSM 02.11 v 4.5.0, 04/1993, Bates Nos. QBB153507-515
	<del>C507</del>	<del>Service Accessibility, ETSI TC 122 041 v 6.4.0</del>
	<del>C508</del>	<del>Smart RF Wireless Data Microtransmitter AT00RF401, 1998</del>
	<del>C509</del>	<del>3GPP Meeting Report, Doc 255/92, 03/30/1992</del>
	<del>C510</del>	<del>Speech Processing Functions. General Description, GSM 06.01 v 3.6.0, 02/1992</del>
	<del>C511</del>	<del>STEMM, "Vertical Handoffs In Wireless Overlay Networks", Mobile Networks And Applications 3, 1998, Abstract.</del>
	C512	INTENTIONALLY LEFT BLANK
	<del>C513</del>	<del>Sweden, Telecommunications (International Edition), 1991, Vol. 25, No. 10, pp. 145-148</del>
	C514	INTENTIONALLY LEFT BLANK
	<del>C515</del>	<del>Technical Realization Of The Short Message Service - Point to Point, GSM 03.40 v. 3.6.0, 02/1992</del>
	<del>C516</del>	<del>TIA-856 Spec.</del>
	<del>C517</del>	<del>Type0 Of Mobile Stations, GSM 02.06 v 3.2.0, 02/1992</del>

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